PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

TABLE 7

The statistics which reflect percent of student utilization are extremely valuable when planning new facilities. They provide a general guide for the need for various sizes of classrooms and laboratories. The comparison between how well the teaching facilities accommodate the size of the classes being conducted in them is helpful; however, the ratio does not indicate how efficiently the facilities are being used. It must be noted that data in Table 7 only include rooms which are in use (scheduled), and is, therefore, an indication of how the capacity of the room is matched to the number of students in the class.

The percent of student station utilization is derived from the ratio of the total student hours of instruction to the potential student hours of instruction. The total student hours of instruction is defined as the enrollment of the class multiplied by the hours the class meets per day which is then multiplied by the number of days per week the class meets. The potential student hours of instruction is defined as the number of hours that the course meets each week, rounded to the nearest half hour, multiplied by the number of days per week the class meets. This figure is then multiplied by the capacity of the room.

Norm: Classrooms - 60% Student Station Utilization
       Laboratories - 80% Student Station Utilization

$$\text{Percent Student Station Utilization} = \frac{\text{Total Student Hours of Instruction}}{\text{Potential Student Hours of Instruction}}$$

As we continue with the sample data:

ENROLL-MENT	ROOM TYPE		CAPACITY	
33	110	3 days * 1 hour * 33 = 99	50	3 days * 1 hour * 50 = 150
40	110	2 days * 1.5 hr * 40 = 120	50	2 days * 1.5 hr * 50 = 150
46	110	3 days * 1 hour * 46 = 138	50	3 days * 1 hour * 50 = 150
26	110	2 days * 1.5 hr * 26 = 78	50	2 days * 1.5 hr * 50 = 150
52	110	3 days * 1 hour * 52 = 156	50	3 days * 1 hour * 50 = 150
45	110	3 days * 1 hour * 45 = 135	50	3 days * 1 hour * 50 = 150
54	110	2 days * 1.5 hr * 54 = 162	50	2 days * 1.5 hr * 50 = 150

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26      110     3 days * 1 hour * 26 =  78    50      3 days * 1 hour * 50 =  150
30      110     3 days * 1 hour * 30 =  90    50      3 days * 1 hour * 50 =  150
39      110     2 days * 1.5 hr * 39 = 117    50      2 days * 1.5 hr * 50 =  150
                                     -----                                   -----
                             TOTALS  1,173                                   1,500

17      210     1 day  * 3 hrs  * 17 =  51    24      1 day  * 3 hrs  * 24 =   72
14      210     1 day  * 3 hrs  * 14 =  42    24      1 day  * 3 hrs  * 24 =   72
25      210     3 days * 1 hour * 25 =  75    40      1 day  * 3 hrs  * 40 =  120
35      210     3 days * 1 hour * 35 = 105    40      1 day  * 3 hrs  * 40 =  120
30      210     2 days * 1.5 hr * 30 =  90    40      1 day  * 3 hrs  * 40 =  120
29      210     1 day  * 3 hrs  * 29 =  87    40      1 day  * 3 hrs  * 40 =  120
21      210     1 day  * 3 hrs  * 21 =  63    40      1 day  * 3 hrs  * 40 =  120
22      210     1 day  * 3 hrs  * 22 =  66    40      1 day  * 3 hrs  * 40 =  120
13      210     1 day  * 3 hrs  * 13 =  39    24      1 day  * 3 hrs  * 24 =   72
16      210     1 days * 3 hrs  * 16 =  48    24      1 day  * 3 hrs  * 24 =   72
                                     ----                                    -----
                             TOTALS   666                                    1,008
```

Total Student Hours in Classrooms =   1173
---------------------------------------   -------- = .782 or 78%
     Capacity in Classrooms   =   1500

Total Student Hours in Class Laboratories =   666
-- -------- = .660 or 66%
     Capacity in Class Laboratories   =   1008

The report for one institution would look like this:

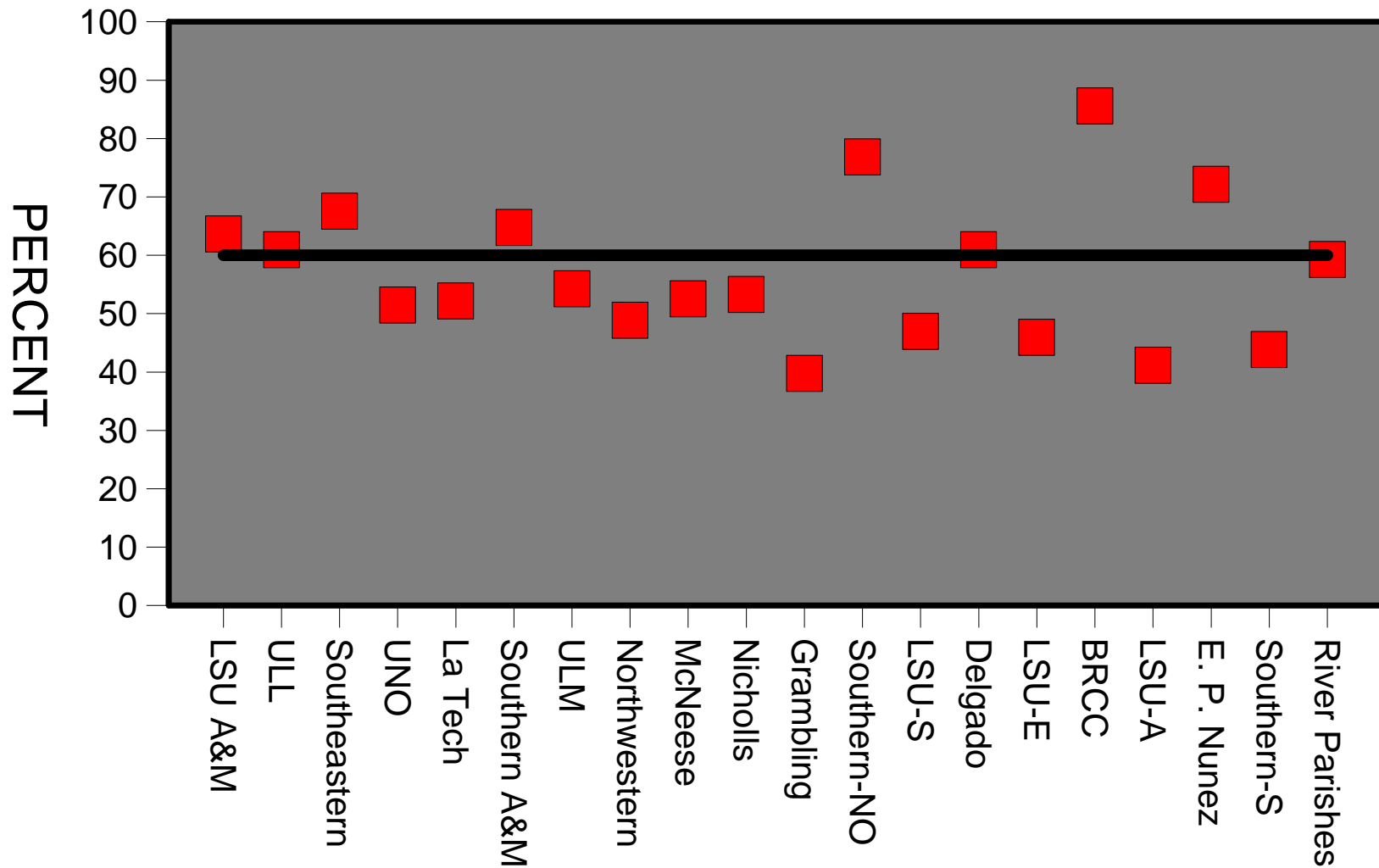|	FTE	CLASSROOMS	LABORATORIES
Institution	5,411	78.2	66.0

TABLE 7
PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS AND CLASS LABORATORIES

INSTITUTION	FTE	CLASSROOMS					LABORATORIES				
		2000	1999	1998	1997	1996	2000	1999	1998	1997	1996
PUBLIC FOUR YEAR INSTITUTIONS											
LSU A&M (Including Ag. & Law)	28,654	63.7	60.7	61.6	56.6	58.1	63.6	86.5	62.0	60.6	61.0
University of Louisiana in Lafayette	13,405	61.0	66.0	63.4	60.4	60.4	68.8	69.0	68.9	67.0	64.1
Southeastern Louisiana University	12,339	67.6	66.8	69.9	70.2	68.8	52.5	62.1	64.0	63.7	66.4
University of New Orleans	11,769	51.5	49.2	53.0	52.2	52.7	75.8	87.1	68.1	68.4	67.3
Louisiana Tech University	9,327	52.2	53.2	48.6	46.6	47.7	47.9	55.0	47.2	54.4	55.7
Southern University A&M	8,738	64.8	**	64.8	64.8	71.2	82.6	**	81.9	82.6	89.6
University of Louisiana in Monroe	8,225	54.3	51.9	56.4	56.2	57.2	67.9	69.5	65.4	61.5	58.3
Northwestern State University	7,841	48.9	45.7	47.0	53.6	55.3	52.8	51.9	46.1	47.1	50.1
McNeese State University	6,551	52.6	53.1	46.4	45.6	43.7	38.8	42.6	40.6	41.0	39.2
Nicholls State University	6,257	53.3	53.3	55.7	50.5	48.8	45.9	47.8	45.9	45.3	47.9
Grambling State University	4,253	39.8	45.0	44.0	40.9	53.8	56.7	63.2	68.2	62.2	106.8
Southern University at New Orleans	3,187	76.9	80.7	51.5	48.0	58.0	112.8	125.6	77.0	74.6	84.2
LSU in Shreveport	2,818	47.0	**	45.0	42.9	43.6	58.0	**	61.9	54.7	44.5
PUBLIC TWO YEAR INSTITUTIONS											
Delgado Community College	8,163	61.0	61.2	61.6	63.4	64.0	59.8	58.3	48.7	47.6	47.4
LSU at Eunice	1,903	46.0	53.6	45.2	48.1	51.7	40.4	73.8	55.1	55.6	34.6
Baton Rouge Community College	1,726	85.6	82.2				89.6	96.6			
LSU at Alexandria	1,491	41.2	47.8	44.3	50.2	47.0	66.8	74.0	53.9	57.4	58.6
Elaine P. Nunez Community College	1,204	72.2	**	**	**	65.5	60.8	**	**	**	44.3
Southern University at Shreveport	925	43.9	46.2	41.7	40.5	41.3	57.2	59.4	55.1	62.6	58.6
River Parishes Community College	184	59.3	46.2	41.7	40.5	41.3	62.5	59.4	55.1	62.6	58.6

*DOES NOT INCLUDE SATURDAY CLASSES

**NOT AVAILABLE

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASSROOMS (TABLE 7) 2000

PERCENT

PERCENT STUDENT STATION UTILIZATION OF OCCUPIED CLASS LABS (TABLE 7) 2000

PERCENT

140
120
100
80
60
40
20
0

LSU A&M, ULL, Southeastern, UNO, La Tech, Southern A&M, ULM, Northwestern, McNeese, Nicholls, Grambling, Southern-NO, LSU-S, Delgado, LSU-E, BRCC, LSU-A, E. P. Nunez, Southern-S, River Parishes